

Date: Mon, 1 Mar 93 22:04:43 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #274
To: Info-Hams

Info-Hams Digest Mon, 1 Mar 93 Volume 93 : Issue 274

Today's Topics:

Assembly manuals needed.
BULLETIN: Correction to the Daily SGDB Report for 27 Feb.
Charts/FCC
DXCC Country List
Ham Examination at Univ of MD
How about a J-wire for HF?
IC-W21AT - an opinion
Mods for 2400A
Moving to Boston -- Seeking Info
PL-259 connectors

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 2 Mar 1993 04:00:49 GMT
From: usc!howland.reston.ans.net!spool.mu.edu!yale.edu!cs.yale.edu!
wesub.ctstateu.edu!ritterbus001@network.UCSD.EDU
Subject: Assembly manuals needed.
To: info-hams@ucsd.edu

Hello, Netters,

A colleague of mine has purchased two surplus antennas, but finds himself
in a bit of a quandry since he did not receive the assembly manuals, and
it appears that they are an integral part! The units are a Wilson 'Y'
Quad and a Wilson 'V' Quad.

If anybody can help, please drop me an e-mail, and I will give you the snail-mail address to send.

Thanks in advance,
Jim Ritterbusch
ritterbus001@wcsu.ctstateu.edu

Date: 2 Mar 93 04:02:46 GMT
From: news-mail-gateway@ucsd.edu
Subject: BULLETIN: Correction to the Daily SGDB Report for 27 Feb.
To: info-hams@ucsd.edu

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ADMINISTRATIVE BULLETIN

19 February, 1993

Correction to Daily Data for 27 Feb.

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CORRECTION TO THE DAILY SGDB DATA FOR 27 FEBRUARY 1993

The daily solar and geophysical data broadcast for 27 February 1993 should be corrected as follows. A sudden magnetic impulse was not included in the report. Users of the BCAST software will want to change the dataset for 27 February to reflect this change.

----- CORRECTED SGDB REPORT -----
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 058, 02/27/93
10.7 FLUX=124.0 90-AVG=134 SSN=122 BKI=0010 1112 BAI=002
BGND-XRAY=B2.3 FLU1=2.2E+06 FLU10=1.5E+04 PKI=1011 1212 PAI=004
BOU-DEV=002,004,005,004,006,006,005,019 DEV-AVG=006 NT SWF=00:000
XRAY-MAX= B7.2 @ 0408UT XRAY-MIN= B2.2 @ 1706UT XRAY-AVG= B3.2
NEUTN-MAX= +004% @ 1735UT NEUTN-MIN= -001% @ 1205UT NEUTN-AVG= +0.7%
PCA-MAX= +0.1DB @ 2355UT PCA-MIN= -0.9DB @ 1930UT PCA-AVG= -0.1DB
BOUTF-MAX=55414NT @ 2359UT BOUTF-MIN=55379NT @ 1906UT BOUTF-AVG=55400NT
GOES7-MAX=P:+127NT@ 2330UT GOES7-MIN=N:+006NT@ 1015UT G7-AVG=+090,+030,+011
GOES6-MAX=P:+125NT@ 2315UT GOES6-MIN=E:-004NT@ 1845UT G6-AVG=+101,+008,+039
FLUXFCST=STD:125,130,135;SESC:125,130,135 BAI/PAI-FCST=020,020,020/020,020,015
KFCST=3445 4433 3445 4433 27DAY-AP=054,024 27DAY-KP=3567 5455 5345 3333
WARNINGS=
ALERTS=**MAGSI:12NT@2220UTC
!!END-DATA!!

----- CORRECTED SGDB REPORT -----

** End of Bulletin **

Date: 1 Mar 1993 18:26:50 -0600
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!not-for-mail@network.UCSD.EDU
Subject: Charts/FCC
To: info-hams@ucsd.edu

Just a couple of things:

The chart that Grove Enterprises is advertising on page 32 of their current catalog is the 1987 US Department of Commerce, Office of Spectrum Management chart. Very beautiful, full color, 50" x 32" and \$9.95 (+\$1.50 book rate or \$4 UPS ground). Its a good buy. Their # is 1-800-438-8155.

Also, I received my Technician license on Saturday Feb 28th. I was tested on Sun Jan 3. Not a bad turn around time - I was surprised. The effective date listed is 23-Feb-93.

Loc.|Address|_Do_not_consider_|Won't you let me sing for you?
WORK|Brendan_Hoar@notes.pw.com|_yourself_free_|You sang for me.
PLAY|badbunny@gnh-starport.cts.com 703-998-5687|Won't you let me play for you?
IPAY|BrendanHr@aol.com____PF/DC____K_D_4_Y_J_S_|You played for me. - Embrace

Date: Mon, 1 Mar 1993 10:57:47 MST
From: agate!howland.reston.ans.net!gatech!destroyer!cs.ubc.ca!unixg.ubc.ca!
kakwa.ucs.ualberta.ca!alberta!adec23!ve6mgs!rec-radio-info@ames.arpa
Subject: DXCC Country List
To: info-hams@ucsd.edu

The current ARRL DXCC country list follows. Changes from the previous posting (10/91) include re-ordering ("numeric" prefixes first); the addition of Croatia (9A), Slovenia (S5) and Bosnia-Herzegovina (4N4); the inclusion of "likely" new countries (Macedonia 4N5, Czech Republic OK, Slovenia OM); and other minor modifications.

This list is available via

- occasional Usenet posting.
- ftp from ftp.cs.buffalo.edu (as pub/ham-radio/dxcc-k2di).
- email from the ARRL Information Service -- send a message containing the line "send dxcc-k2di" to info@arrl.org.

Much of the information was provided by Ron McConnell, W2IOL. His detailed geographical listing will also be available via ftp from ftp.cs.buffalo.edu, and from info@arrl.org ("send dxcc-w2iol-inst", "send dxcc-w2iol-a-p", "send dxcc-w2iol-q-z").

Thanks also to Hugh, G0CNR, and Fran, PT2TD, for their input.

The colon-separated fields are:

1. primary amateur prefix
 - "*" suffix for deleted countries
 - "@" suffix for likely new countries
2. country name
3. continent(s)
4. ITU zone(s)
5. CQ zone(s)
6. time zone (hours from UTC)
7. latitude
8. longitude
9. ITU prefix allocation(s) ("~" suffix for unofficial)
10. other amateur prefixes

Please mail corrections and suggestions to me.

Bill Brelsford, K2DI
AT&T, Basking Ridge NJ
wmb@joplin.att.com
03/01/93

:(ICAO):::::::4Y:
:(WMO):::::::C7:
1A0:SMO Malta:Eu:28:15:+1:42N:13E:1A~:
1M*:Minerva Reef:Oc:62:32:-12:24S:179W::
1S:Spratly Is:As:50:26:+7:9N:112E:1S~:
3A:Monaco:Eu:27:14:+1:44N:8E:3A:
3B6:Agalega & St Brandon:Af:53:39:+4:10S:57E::3B7
3B8:Mauritius:Af:53:39:+4:20S:58E:3B:
3B9:Rodriguez Is:Af:53:39:+4:20S:63E::
3C:Equatorial Guinea:Af:47:36:-1:4N:9E:3C:
3C0:Pagalu:Af:52:36:-1:1S:6E::
3D2:Conway Reef:Oc:56:32:+12:22S:175E::
3D2:Fiji:Oc:56:32:+12:18S:178E:3DN-3DZ:
3D2:Rotuma:Oc:56:32:+12:13S:177E::
3DA:Swaziland:Af:57:38:+2:26S:31E:3DA-3DM:3D6
3V:Tunisia:Af:37:33:+1:37N:10E:3V,TS:
3W:Vietnam:As:49:26:+7:11N:107E:3W,XV:
3X:Guinea:Af:46:35:+0:10N:14W:3X:
3Y:Bouvet:Af:67:38:+0:54S:3E::

3Y:Peter I:An:72:12:-6:69S:91W::
4J1:Malyj Vysotskij Is:Eu:29:16:+3:61N:29E::
4K2:Franz Josef Land:Eu:75:40:+3:81N:48E::UA1
4N4:Bosnia-Hercegovina:Eu:28:15:+1:44N:18E::
4N5@:Macedonia:Eu:28:15:+1:42N:21E::
4S:Sri Lanka:As:41:22:+5.5:7N:80E:4P-4S:
4U:ITU Geneva:Eu:28:14:+1:46N:6E::
4U:UN HQ:NA:08:05:-5:41N:74W:4U:
4W*:Yemen Arab Rep:As:39:21:+3:15N:44E::
4X:Israel:As:39:20:+2:32N:35E:4X,4Z:
5A:Libya:Af:38:34:+2:33N:13E:5A:
5B:Cyprus:As:39:20:+3:35N:33E:5B,C4,H2,P3:
5H:Tanzania:Af:53:37:+3:7S:39E:5H-5I:
5N:Nigeria:Af:46:35:+1:6N:3E:5N-50:
5R:Madagascar:Af:53:39:+3:19S:48E:5R-5S,6X:
5T:Mauritania:Af:46:35:-1:18N:16W:5T:
5U:Niger:Af:46:35:+1:14N:2W:5U:
5V:Togo:Af:46:35:+0:6N:1E:5V:
5W:Western Samoa:Oc:62:32:-11:14S:172W:5W:
5X:Uganda:Af:48:37:+3:0N:33E:5X:
5Z:Kenya:Af:48:37:+3:2S:37E:5Y-5Z:
6W:Senegal:Af:46:35:+0:15N:18W:6V-6W:
6Y:Jamaica:NA:11:08:-5:18N:77W:6Y:
70:Yemen:As:39:21:+3:13N:45E:70:
70*:PDR Yemen:As:39:21:+3:13N:45E::
7P:Lesotho:Af:57:38:+2:29S:27E:7P:
7Q:Malawi:Af:53:37:+2:14S:34E:7Q:
7X:Algeria:Af:37:33:+0:37N:3E:7R,7T-7Y:
8P:Barbados:NA:11:08:-4:13N:60W:8P:
8Q:Maldives:As,Af:41:22:+5:4N:73E:8Q:
8R:Guyana:SA:12:09:-3.75:6N:58W:8R:
8Z4*:S Arabia/Iraq NZ:As:39:21:+3:29N:46E::
8Z5*:Kuwait/S Arabia NZ:As:39:21:+3:29N:48E::9K3
9A:Croatia:Eu:28:15:+1:45N:16E:9A:
9G:Ghana:Af:46:35:+0:5N:0W:9G:
9H:Malta:Eu:28:15:+1:36N:15E:9H:
9J:Zambia:Af:53:36:+2:15S:28E:9I-9J:
9K:Kuwait:As:39:21:+3:29N:48E:9K:
9L:Sierra Leone:Af:46:35:+0:9N:13W:9L:
9M2:Malaysia:As:54:28:+7.5:3N:102E:9M,9W:9M4
9M6:East Malaysia:Oc:54:28:+8:2N:110E::9M8
9N:Nepal:As:42:22:+5.5:28N:85E:9N:
9Q:Zaire:Af:52:36:+1:4S:15E:90-9T:
9S4*:Saar:Eu:28:14:+1:49N:7E::
9U:Burundi:Af:52:36:+3:3S:29E:9U:
9U5*:Ruanda-Urundi:Af:52:36:+3:3S:30E::
9V:Singapore:As:54:28:+7.5:1N:104E:9V,S6:
9X:Rwanda:Af:52:36:+3:2S:30E:9X:

9Y:Trinidad & Tobago:SA:11:09:-4:11N:62W:9Y-9Z:
A1:Abu Ail, Jabal at Tair:As:39:21:+2:14N:43E:A1~:J2/A
A2:Botswana:Af:57:38:+2:25S:26E:80,A2:
A3:Tonga:Oc:62:32:+13:21S:175W:A3:
A4:Oman:As:39:21:+4:24N:59E:A4:
A5:Bhutan:As:41:22:+5.5:27N:90E:A5:
A6:United Arab Emirates:As:39:21:+4:24N:54E:A6:
A7:Qatar:As:39:21:+4:25N:52E:A7:
A9:Bahrain:As:39:21:+4:26N:51E:A9:
AC3*:Sikkim:As:41:22:+5.5:27N:89E::
AC4*:Tibet:As:41:23:+6:30N:92E::
AP:Pakistan:As:41:21:+5:34N:73E:6P-6S,AP-AS:
BV:Taiwan:As:44:24:+8:25N:122E::
BY:China:As:33,42,43,44:23,24:+8:40N:116E:3H-3U,BA-BZ,XS:
C2:Nauru:Oc:65:31:+11.5:0S:167E:C2:
C3:Andorra:Eu:27:14:+1:43N:2E:C3:
C5:Gambia:Af:46:35:+0:13N:17W:C5:
C6:Bahamas:NA:11:08:-5:25N:77W:C6:
C9:Mozambique:Af:53:37:+2:26S:33E:C8-C9:
C9*:Manchuria:As:33:24:+8.5:46N:127E::
CE:Chile:SA:14,16:12:-4:33S:71W:3G,CA-CE,XQ-XR:
CE0X:San Felix:SA:14:12:-5:26S:80W::
CE0Y:Easter Is:SA:63:12:-7:27S:109W::
CE0Z:Juan Fernandez:SA:14:12:-4:34S:79W::
CE9:Antarctica:An:67,69,70,71,72,73,74:12,13,29,30,32,38,39:+0:90S:0W::3Y,4K1,8J1,
AT0,DP0,FT_Y,KC4,LU_Z,OR4,VK0,VP8,Y8,ZL5,ZS7,ZX0
CN:Morocco:Af:37:33:+0:34N:7W:5C-5G,CN:
CN2*:Tangier:Af:37:33:+0:36N:8W::
CO:Cuba:NA:11:08:-5:23N:82W:CL-CM,CO,T4:
CP:Bolivia:SA:12,14:10:-4:17S:68W:CP:
CR8*:Damao, Diu:As:41:22:+5.5:21N:71E::
CR8*:Goa:As:41:22:+5.5:16N:74E::
CR8*:Portuguese Timor:Oc:54:28:+8:9S:126E::
CT:Portugal:Eu:37:14:+1:39N:9W:CQ-CU,XX:
CT3:Madeira Is:Af:36:33:-1:33N:17W::
CU:Azores:Eu:36:14:-1:38N:26W::CT2
CX:Uruguay:SA:14:13:-3:35S:56W:CV-CX:
CY0:Sable Is:NA:09:05:-5:44N:60W::
CY9:St Paul Is:NA:09:05:-5:47N:60W::
D2:Angola:Af:52:36:+1:9S:13E:D2-D3:
D4:Cape Verde:Af:46:35:-2:15N:23W:D4:
D6:Comoros:Af:53:39:+3:12S:43E:D6:
DL:Germany:Eu:28:14:+1:52N:7E:DA-DR,Y2-Y9:
DL*:Germany:Eu:28:14:+1:52N:7E::
DU:Philippines:Oc:50:27:+8:15N:121E:4D-4I,DU-DZ:
EA:Spain:Eu:37:14:+1:40N:4W:AM-AO,EA-EH:
EA6:Balearic Is:Eu:37:14:+1:38N:3E::
EA8:Canary Is:Af:36:33:+0:28N:15W::

EA9:Ceuta & Melilla:Af:37:33:+1:36N:5W::
EA9*:Ifni:Af:37:33:+0:29N:10W::
EI:Ireland:Eu:27:14:+0:53N:6W:EI-EJ:
EL:Liberia:Af:46:35:-0.75:6N:11W:5L-5M,6Z,A8,D5,EL:
EP:Iran:As:40:21:+3.5:36N:51E:9B-9D,EP-EQ:
ES:Estonia:Eu:29:15:+2:59N:25E:ES:UR
ET:Ethiopia:Af:48:37:+3:9N:39E:9E-9F,ET:
ET2*:Eritrea:Af:48:37:+3:15N:39E::
F:France:Eu:27:14:+1:49N:2E:FA-FZ,HW-HY,TH,TK,TM,TO-TQ,TV-TX:
FF*:French W Africa:Af:46:35:+0:15N:18W::
FG:Guadeloupe:NA:11:08:-4:16N:62W::
FH:Mayotte:Af:53:39:+3:13S:45E::
FH*:Comoros:Af:53:39:+3:12S:43E::FB8
FI8*:Fr Indo China:As:49:26:+7:11N:107E::
FK:New Caledonia:Oc:56:32:+11:22S:167E::
FM:Martinique:NA:11:08:-4:15N:61W::
FN8*:French India:As:41:22:+5.5:12N:80E::
FO:Clipperton Is:NA:10:07:-7:10N:109W::
FO:French Polynesia:Oc:63:32:-10:18S:150W::
FP:St Pierre & Miquelon:NA:09:05:-4:47N:56W::
FQ8*:Fr Equatorial Africa:Af:47,52:36:+1:5N:18E::
FR:Glorioso Is:Af:53:39:+3:12S:47E::
FR:Juan de Nova, Europa:Af:53:39:+3:17N:43E::
FR:Reunion:Af:53:39:+4:21S:55E::
FR:Tromelin:Af:53:39:+4:16S:54E::
FS:St Martin:NA:11:08:-4:18N:63W::FJ
FT_W:Crozet:Af:68:39:+3:46S:52E::
FT_X:Kerguelen Is:Af:68:39:+5:50S:70E::
FT_Z:Amsterdam & St Paul Is:Af:68:39:+5:38S:78E::
FW:Wallis & Futuna Is:Oc:62:32:-10.5:14S:172W::
FY:French Guiana:SA:12:09:-4:5N:52W::
G:England:Eu:27:14:+0:52N:0W:2A-2Z,GA-GZ,MA-MZ,VP-VS,ZB-ZJ,ZN-ZO,ZQ:2E
GD:Isle of Man:Eu:27:14:+0:54N:4W::2D
GI:No Ireland:Eu:27:14:+0:55N:6W::2I
GJ:Jersey:Eu:27:14:+0:49N:2W::2J
GM:Scotland:Eu:27:14:+0:57N:2W::2M
GU:Guernsey:Eu:27:14:+0:49N:3W::2U
GW:Wales:Eu:27:14:+0:52N:3W::2W
H4:Solomon Is:Oc:51:28:+11:9S:160E:H4:
HA:Hungary:Eu:28:15:+1:48N:19E:HA,HG:
HB:Switzerland:Eu:28:14:+1:47N:7E:HB,HE:
HB0:Liechtenstein:Eu:28:14:+1:47N:10E::
HC:Ecuador:SA:12:10:-5:0N:79W:HC-HD:
HC8:Galapagos Is:SA:12:10:-5:1S:90W::
HH:Haiti:NA:11:08:-5:19N:72W:4V,HH:
HI:Dominican Rep:NA:11:08:-5:18N:70W:HI:
HK:Colombia:SA:12:09:-5:5N:74W:5J-5K,HJ-HK:
HK0:Malpelo Is:SA:12:09:-5:4N:82W::

HK0:San Andres & Providencia:NA:11:07:-6:13N:82W::
HK0*:Bajo Nuevo:NA:11:08:-5:16N:79W::
HK0*:Serrana Bnk, Roncador Cay:NA:11:07:-5:14N:80W::KP3,KS4
HL:So Korea:As:44:25:+9:38N:127E:6K-6N,DS-DT,D7-D9,HL:
HP:Panama:NA:11:07:-5:9N:80W:3E-3F,H0-HP,H3,H8-H9:
HR:Honduras:NA:11:07:-6:14N:87W:HQ-HR:
HS:Thailand:As:49:26:+6:14N:101E:E2,HS:
HV:Vatican:Eu:28:15:+1:42N:13E:HV:
HZ:Saudi Arabia:As:39:21:+3:25N:47E:8Z,HZ,7Z:
I:Italy:Eu:28:15:+1:42N:12E:IA-IZ:
I1*:Trieste:Eu:28:15:+1:46N:14E::
I5*:Ital Somaliland:Af:48:37:+3:2N:46E::
IS:Sardinia:Eu:28:15:+1:39N:9E::
J2:Djibouti:Af:48:37:+3:12N:43E:J2:
J3:Grenada:NA:11:08:-4:12N:62W:J3:
J5:Guinea-Bissau:Af:46:35:-1:12N:16W:J5:
J6:St Lucia:NA:11:08:-4:14N:61W:J6:
J7:Dominica:NA:11:08:-4:15N:61W:J7:
J8:St Vincent:NA:11:08:-4:13N:61W:J8:
JA:Japan:As:45:25:+9:36N:140E:7J-7N,8J-8N,JA-JS:
JD:Minami Torishima:Oc:45/90:27:+10:24N:154E::
JD:Ogasawara:As:45:27:+10:28N:142E::
JD1*:Okino Tori-shima:As:45:27:+10:30N:140E::7J1
JT:Mongolia:As:32,33:23:+7.5:48N:107E:JT-JV:
JW:Svalbard:Eu:18:40:+1:78N:16E::
JX:Jan Mayen:Eu:18:40:-1:71N:9W::
JY:Jordan:As:39:20:+2:32N:36E:JY:
JZ0*:Neth New Guinea:Oc:51:28:+10:10S:147E::
K:United States:NA:06,07,08:03,04,05:-5:39N:77W:AA-AL,KA-KZ,NA-NZ,WA-WZ:
KC6:Belau:Oc:64:27:+10:7N:134E::
KG4:Guantanamo Bay:NA:11:08:-5:20N:75W::
KH0:Mariana Is:Oc:64:27:+10:15N:146E::
KH1:Baker & Howland Is:Oc:61:31:-12:0N:176W::
KH2:Guam:Oc:64:27:+10:13N:145E::
KH3:Johnston Is:Oc:61:31:-11:17N:170W::
KH4:Midway Is:Oc:61:31:-11:28N:177W::
KH5:Palmyra, Jarvis Is:Oc:61,62:31:-11:6N:162W::
KH5K:Kingman Reef:Oc:61:31:-11:6N:162W::
KH6:Hawaii:Oc:61:31:-10:21N:158W::
KH7:Kure Is:Oc:61:31:-11:29N:178W::
KH8:Am Samoa:Oc:62:32:-11:14S:171W::
KH9:Wake Is:Oc:65:31:+12:19N:167E::
KL7:Alaska:NA:01,02:01:-8:58N:134W::
KP1:Navassa Is:NA:11:08:-5:18N:75W::
KP2:Virgin Is:NA:11:08:-4:18N:65W::
KP4:Puerto Rico:NA:11:08:-4:18N:66W::
KP5:Desecheo Is:NA:11:08:-4:18N:68W::
KR6*:Okinawa (Ryukyu):As:45:25:+8:26N:128E::KR8,JR6,KA6

KS4*:Swan Is:NA:11:07:-6:17N:84W::
KZ5*:Canal Zone:NA:11:07:-5:9N:80W::
LA:Norway:Eu:18:14:+1:60N:11E:3Y,JW-JX,LA-LN:
LU:Argentina:SA:14,16:13:-3:35S:58W:AY-AZ,L0-LW,L2-L9:
LX:Luxembourg:Eu:27:14:+1:50N:6E:LX:
LY:Lithuania:Eu:29:15:+2:55N:25E:LY:UP
LZ:Bulgaria:Eu:28:20:+2:43N:23E:LZ:
OA:Peru:SA:12:10:-5:12S:78W:4T,OA-OC:
OD:Lebanon:As:39:20:+2:34N:36E:OD:
OE:Austria:Eu:28:15:+1:48N:16E:OE:
OH:Finland:Eu:18:15:+2:60N:25E:OF-OJ:
OH0:Aland Is:Eu:18:15:+2:60N:20E::
OJ0:Market Reef:Eu:18:15:+2:60N:19E::
OK:Czechoslovakia:Eu:28:15:+1:50N:15E::
OK@:Czech Republic:Eu:28:15:+1:50N:16E:OK-OL:
OM@:Slovakia:Eu:28:15:+1:49N:20E:OM:
ON:Belgium:Eu:27:14:+1:51N:4E:ON-OT:
OX:Greenland:NA:05,75:40:-3:64N:52W::XP
OY:Faroe Is:Eu:18:14:+0:62N:7W::
OZ:Denmark:Eu:18:14:+1:56N:13E:5P-5Q,OU-OZ,XP:
P2:Papua New Guinea:Oc:51:28:+10:10S:147E:P2:
P2*:Papua Terr:Oc:51:28:+10:10S:147E::VK9
P2*:Terr New Guinea:Oc:51:28:+10:10S:147E::VK9
P4:Aruba:SA:11:09:-4:13N:70W:P4:
P5:No Korea:As:44:25:+9:39N:126E:HM,P5-P9:
PA:Netherlands:Eu:27:14:+1:52N:5E:PA-PI:
PJ2:Neth Antilles:SA:11:09:-4:12N:69W:PJ:PJ4,PJ9
PJ5:St Maarten, Saba, St Eus:NA:11:08:-4:18N:63W::PJ6-8
PK1*:Java:Oc:54:28:+7.5:6S:107E::PK2-3
PK4*:Sumatra:Oc:54:28:+7:1S:100E::
PK5*:Netherlands Borneo:Oc:54:28:+8:3S:115E::
PK6*:Celebe & Molucca Is:Oc:54:28:+8:5S:119E::
PY:Brazil:SA:12,13,15:11:-3:16S:48W:PP-PY,ZV-ZZ:
PY0F:Fernando de Noronha:SA:13:11:-2:4S:32W::
PY0P:St Peter & St Paul Rocks:SA:13:11:-2:0N:29W::
PY0T:Trindade & Martin Vaz Is:SA:15:11:-2:21S:29W::
PZ:Surinam:SA:12:09:-3.5:6N:55W:PZ:
S0:Western Sahara:Af:37:33:+0:27N:13W:S0~:
S2:Bangladesh:As:41:22:+6:24N:90E:S2-S3:
S5:Slovenia:Eu:28:15:+1:46N:14E:S5:
S7:Seychelles:Af:53:39:+4:5S:55E:S7:
S9:Sao Tome & Principe:Af:47:36:+0:0N:7E:S9:
SM:Sweden:Eu:18:14:+1:59N:18E:7S,8S,SA-SM:
SP:Poland:Eu:28:15:+1:52N:21E:3Z,HF,SN-SR:
ST:Sudan:Af:48:34:+2:16N:33E:6T-6U,SSN-SSZ,ST:
ST0:Southern Sudan:Af:48:34:+2:5N:32E::
SU:Egypt:Af,As:38:34:+2:31N:31E:6A-6B,SSA-SSM,SU:
SV:Greece:Eu:28:20:+2:38N:24E:J4,SV-SZ:

SV5:Dodecanese:Eu:28:20:+2:36N:28E::
SV9:Crete:Eu:28:20:+2:36N:24E::
SY:Mt Athos:Eu:28:20:+2:40N:24E::SV1/A
T2:Tuvalu:Oc:65:31:+12:9S:179E:T2:
T30:West Kiribati:Oc:65:31:+12:1S:173E::
T31:Central Kiribati:Oc:62:31:+12:4S:171W:T3:
T32:East Kiribati:Oc:61,63:31:+12:2N:158W::
T33:Banaba:Oc:65:31:+11.5:1S:170E::
T5:Somalia:Af:48:37:+3:2N:46E:60,T5:
T7:San Marino:Eu:28:15:+1:44N:12E:T7:
TA:Turkey:As, Eu:39:20:+2:40N:33E:TA-TC,YM:
TF:Iceland:Eu:17:40:0:64N:22W:TF:
TG:Guatemala:NA:11:07:-6:16N:92W:TD,TG:
TI:Costa Rica:NA:11:07:-6:10N:84W:TE,TI:
TI9:Cocos Is:NA:11:07:-6:6N:87W::
TJ:Cameroon:Af:47:36:+1:4N:12E:TJ:
TK:Corsica:Eu:28:15:+1:42N:9E::
TL:Central African Rep:Af:47:36:+1:5N:19E:TL:
TN:Congo:Af:52:36:+1:4S:15E:TN:
TR:Gabon:Af:52:36:+1:1N:10E:TR:
TT:Chad:Af:47:36:+1:12N:15E:TT:
TU:Ivory Coast:Af:46:35:+0:5N:4W:TU:
TY:Benin:Af:46:35:+0:6N:3E:TY:
TZ:Mali:Af:46:35:+0:13N:8W:TZ:
UA:Russia:Eu:19,20,29,30:16:+3:56N:37E:4J-4L,EK,EM-E0,ER,EX-EZ,RA-RZ,UA-UQ,UU-UZ:
UA2:Kaliningrad:Eu:29:15:+2:55N:21E::
UA9:Russia
(Asiatic):As:20,21,22,23,24,25,26,30,31,32,33,34,35,75:16,17,18,19,23:+7:52N:104E:
:UA0
UB:Ukraine:Eu:29:16:+2:50N:30E:UR-UT:
UC:Belarus:Eu:29:16:+2:54N:28E:EU-EW:
UD:Azerbaijan:As:29:21:+4:40N:50E::
UF:Georgia:As:29:21:+4:42N:45E::
UG:Armenia:As:29:21:+4:40N:45E::
UH:Turkmenistan:As:30:17:+5:38N:58E::
UI:Uzbekistan:As:30:17:+6:41N:69E::
UJ:Tajikistan:As:30:17:+6:39N:69E::
UL:Kazakhstan:As:29,30,31:17:+5.5:43N:77E::
UM:Kyrgyzstan:As:30,31:17:+6:43N:75E::
UN1*:Karelo-Finnish Rep:Eu:19:16:+3:64N:32E::
U0:Moldova:Eu:29:16:+3:47N:29E::
V2:Antigua, Barbuda:NA:11:08:-4:17N:62W:V2:
V3:Belize:NA:11:07:-5.5:17N:89W:V3:
V4:St Kitts, Nevis:NA:11:08:-4:17N:63W:V4:
V5:Namibia:Af:57:38:+2:22S:17E:V5:
V6:Micronesia:Oc:65:27:+11:7N:158E:V6:KC6
V7:Marshall Is:Oc:65:31:+12:7N:171E:V7:KX6
V8:Brunei:Oc:54:28:+8:5N:115E:V8:

VE:Canada:NA:02,03,04,09,75:01,02,03,04,05:-5:45N:76W:CF-CK,CY-CZ,VA-VG,VO,VX-VY,XJ-XO:
VK:Australia:Oc:55,58,59:29,30:+10:35S:149E:AX,VH-VN,VZ:
VK0:Heard Is:Af:68:39:+5:53S:73E::
VK0:Macquarie Is:Oc:60:30:+11:54S:159E::
VK9C:Cocos-Keeling Is:Oc:54:29:+6.5:12S:97E::VK9Y
VK9L:Lord Howe Is:Oc:60:30:+10:31S:159E::
VK9M:Mellish Reef:Oc:56:30:+10:17S:156E::VK9Z
VK9N:Norfolk Is:Oc:60:32:+11.5:29S:168E::
VK9W:Willis Is:Oc:55:30:+10:16S:150E::VK9Z
VK9X:Christmas Is:Oc:54:29:+7:10S:106E::
VO*:Newfoundland, Labrador:NA:09:02,05:-3.5:48N:53W::
VP2E:Anguilla:NA:11:08:-4:18N:63W::
VP2M:Montserrat:NA:11:08:-4:17N:62W::
VP2V:Br Virgin Is:NA:11:08:-4:18N:65W::
VP5:Turks & Caicos Is:NA:11:08:-5:22N:72W::
VP8:Falkland Is:SA:16:13:-4:52S:58W::
VP8:So Georgia Is:SA:73:13:-1.5:54S:37W::LU_Z
VP8:So Orkney Is:SA:73:13:-3:61S:45W::LU_Z
VP8:So Sandwich Is:SA:73:13:-3:59S:27W::LU_Z
VP8:So Shetland Is:SA:73:13:-4:62S:59W::LU_Z,CE9,HF0,4K1
VP9:Bermuda:NA:11:05:-4:32N:65W::
VQ1*:Zanzibar:Af:53:37:+3:7S:39E::5H1
VQ6*:British Somaliland:Af:48:37:+3:2N:46E::
VQ9:Chagos:Af:41:39:+5:7S:72E::
VQ9*:Aldabra:Af:53:39:+4:9S:46E::
VQ9*:Desroches:Af:53:39:+4:6S:55E::
VQ9*:Farquhar:Af:53:39:+4:10S:51E::
VR2:Hong Kong:As:44:24:+8:22N:114E::VS6
VR6:Pitcairn Is:Oc:63:32:-8.5:25S:130W::
VS2*:Malaya:As:54:28:+7.5:3N:102E::9M2
VS4*:Sarawak:Oc:54:28:+8:2N:110E::
VS9H*:Kuria Muria Is:As:39:21:+4:18N:56E::
VS9K*:Kamuran Is:As:39:21:+3:15N:43E::70
VU:India:As:41:22:+5.5:29N:77E:8T-8Y,AT-AW,VT-VW:
VU7:Andaman & Nicobar Is:As:49:26:+5.5:12N:93E::
VU7:Laccadive Is:As:41:22:+5.5:11N:73E::
XE:Mexico:NA:10:06:-6:20N:99W:4A-4C,6D-6J,XA-XI:
XF4:Revilla Gigedo:NA:10:06:-7:18N:113W::
XT:Burkina Faso:Af:46:35:+0:12N:2W:XT:
XU:Cambodia:As:49:26:+8:12N:105E:XU:
XW:Laos:As:49:26:+7:20N:102E:XW:
XX9:Macao:As:44:24:+8:22N:114E::
XZ:Myanmar (Burma):As:49:26:+6.5:17N:96E:XY-XZ:
Y2*:East Germany:Eu:28:14:+1:53N:13E::Y3-Y9
YA:Afghanistan:As:40:21:+4.5:35N:69E:T6,YA:
YB:Indonesia:Oc:51,54:28:+7.5:6S:107E:7A-7I,8A-8I,JZ,PK-PO,YB-YH:
YI:Iraq:As:39:21:+3:32N:45E:HN,YI:

YJ:Vanuatu:0c:56:32:+11:18S:168E:YJ:
 YK:Syria:As:39:20:+2:34N:36E:6C,YK:
 YL:Latvia:Eu:29:15:+2:57N:24E:YL:UQ
 YN:Nicaragua:NA:11:07:-6:12N:87W:HT,H6-H7,YN:
 YO:Romania:Eu:28:20:+2:45N:26E:YO-YR:
 YS:El Salvador:NA:11:07:-6:14N:89W:HU,YS:
 YU:Yugoslavia:Eu:28:15:+1:45N:20E:4N-40,YT-YU,YZ:
 YV:Venezuela:SA:12:09:-4:10N:67W:4M,YV-YY:
 YV0:Aves Is:NA:11:08:-4:16N:64W::
 Z2:Zimbabwe:Af:53:38:+2:18S:31E:Z2:
 ZA:Albania:Eu:28:15:+1:41N:20E:ZA:
 ZB:Gibraltar:Eu:37:14:+1:37N:5W::
 ZC:Cyprus SBA:As:39:20:+2:36N:33E::
 ZC5*:Br No Borneo:0c:54:28:+8:6N:116E::
 ZC6*:Palestine:As:39:20:+2:32N:35E::4X1
 ZD4*:Gold Coast, Togoland:Af:46:35:+0:5N:0W::
 ZD7:St Helena:Af:66:36:+0:16S:6W::
 ZD8:Ascension Is:Af:66:36:0:8S:14W::
 ZD9:Tristan da Cunha & Gough Is:Af:66:38:0:37S:12W::
 ZF:Cayman Is:NA:11:08:-5:19N:81W::
 ZK1:No Cook Is:0c:62:63:32:-10.5:10S:161W::
 ZK1:So Cook Is:0c:63:32:-10.5:22S:158W::
 ZK2:Niue:0c:62:32:-11:19S:170W::
 ZK3:Tokelau Is:0c:62:31:-11:9S:171W::
 ZL:New Zealand:0c:60:32:+12:41S:175E:ZK-ZM:
 ZL7:Chatham Is:0c:60:32:+12.75:44S:177W::
 ZL8:Kermadec Is:0c:60:32:+12:29S:178W::
 ZL9:Auckland, Campbell Is:0c:60:32:+12:51S:166E::
 ZP:Paraguay:SA:14:11:-4:26S:57W:ZP:
 ZS:So Africa:Af:57:38:+2:26S:28E:H5~,S4~,S8~,V9~,ZR-ZU:
 ZS0:Penguin Is:Af:57:38:+2:27S:15E::
 ZS8:Pr Edward & Marion Is:Af:57:38:+3:47S:38E::
 ZS9:Walvis Bay:Af:57:38:+2:23S:15E::
 ~*~:Blenheim Reef:Af:41:39:+5:7S:72E::
 ~*~:Geyser Reef:Af:53:39:+3:12S:46E::

Date: 1 Mar 1993 17:49:31 GMT
 From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net
 Subject: Ham Examination at Univ of MD
 To: info-hams@ucsd.edu

A much better index of exams in the DC area is found in the local ham magazine "Autocall." It's fairly cheap. It has a list of exams with phone contacts, training classes, and blurbs from each of the clubs in the area. There's a calendar in each issue with all the local happenings

on it.

-Ron

Date: 1 Mar 93 21:10:03 GMT
From: news-mail-gateway@ucsd.edu
Subject: How about a J-wire for HF?
To: info-hams@ucsd.edu

There's been lots of talk about the sleeved dipole and j-pole recently in this forum. I've often wished for an end-fed or off-center fed HF wire antenna, but stayed away from them because I hear that their poorly-balanced design results in RF coming back down the coax.

Maybe we could "test" this idea by diatribe here on the forum before I actually build one: How about extending the j-pole design to a wire antenna for HF (say, 30m) constructed of a wire "pole", and some 450-ohm ladderline for the "J". It would be fed at the appropriate point on the ladder line by a balun, and coax to the rig.

This would be an off-center fed "sloper" hoisted up into a tree. Its advantage is that it's fed from the more convenient lower end of the slope.

-- Gary KB1AIF thorburn@sceng.ub.com

Date: Tue, 02 Mar 1993 01:09:09 GMT
From: agate!howland.reston.ans.net!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.uakron.edu!neoucom.edu!wtm@ames.arpa
Subject: IC-W21AT - an opinion
To: info-hams@ucsd.edu

The W21AT (DTMF pad version) is bad..... Gee it, must really be awful. A while back, I traded my 24AT for a W2A and immediately noticed that the W2 audio is lower than the 24AT.

I really like the features of the W2, but miss the healthier audio output of the 24AT.

I've noticed that the sensitivity of my W2 seems a bit low on the 2m band; I've yet to have a chance to check it out on the service monitor at work. I have a feeling that it needs a bit of peaking.

As the W2 is hotter on out-of-band receive, the 24AT I had was hotter than the W2. The W2 has the advantage of not requiring any physical modification for expanded receive, and is easily modified for MARS/CAP operation by adding two diodes and removing one diode on the CPU deck.

--

Bill Mayhew NEOUCOM Computer Services Department
Rootstown, OH 44272-9995 USA phone: 216-325-2511
wtm@uhura.neoucom.edu (140.220.1.1) 146.580: N8WED

Date: 1 Mar 93 21:30:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: Mods for 2400A
To: info-hams@ucsd.edu

KB9CKV is looking for mods. I sent a request for x-band repeat mods for my 2400A To: 75540.525 at compuserve.com which I'm told is ICOM. I got a reply next day (!) with the info on how to do it. And, IT WORKS!!

73 and Good luck!
Bill, VE3BUU Internet address VE3BUU@vnet.ibm.com

Date: 2 Mar 93 01:44:37 GMT
From: ogicse!uwm.edu!wupost!howland.reston.ans.net!usenet.ins.cwru.edu!pyrite!grund@network.UCSD.EDU
Subject: Moving to Boston -- Seeking Info
To: info-hams@ucsd.edu

Hello all. I'll be relocating to the Boston area (don't know where exactly yet) by the beginning of April. Could anyone provide me with some information about local radio clubs? I'm also interested in chatting about non-radio Boston-area topics.

Email is requested... thanks much!

Victor

--

Victor D. Grund (N8XEQ)	grund@pyrite.som.cwru.edu
IBM Cleveland	CIS: 72440,1163
RISC System/6000 & AIX	
(216) 664-7381	

Date: 1 Mar 93 22:55:43 GMT
From: haven.umd.edu!darwin.sura.net!sgiblab!munnari.oz.au!metro!mippet.ci.com.au!
eram!dave@ames.arpa
Subject: PL-259 connectors
To: info-hams@ucsd.edu

In article <1mldlkINNnee@master.cs.rose-hulman.edu>,
derry@NeXtWork.Rose-Hulman.Edu (John Derry) writes:

| Beware of cheap Ag/Teflon plugs sold at bargain prices at 'fests.

Maybe...

| I bought a dozen a while back and the knurled nut does not fit and there
| aren't enough threads/

Be aware that PL-259's come in two types - Imperial and Metric. It's been
ages since I used them (who does?) but they are not quite compatible; one
will fit the other, but not the other way around.

Take the trouble to learn how to assemble an N connector; you'll be glad
you did. And crimp-on BNC's are cheap, as are the tools.

--
Dave Horsfall (VK2KFU) VK2KFU @ VK2RWI.NSW.AUS.OC
dave@esi.COM.AU ...munnari!esi.COM.AU!dave

Date: 1 Mar 93 17:55:02 GMT
From: topaz.bds.com!topaz.bds.com!ron@uunet.uu.net
To: info-hams@ucsd.edu

References <14570659@hpnmdla.sr.hp.com>, <C32wyo.Hoz@icon.rose.hp.com>,
<1993Feb28.145814.11474@ke4zv.uucp>.com
Subject : Re: Ground planes and vertical dipoles

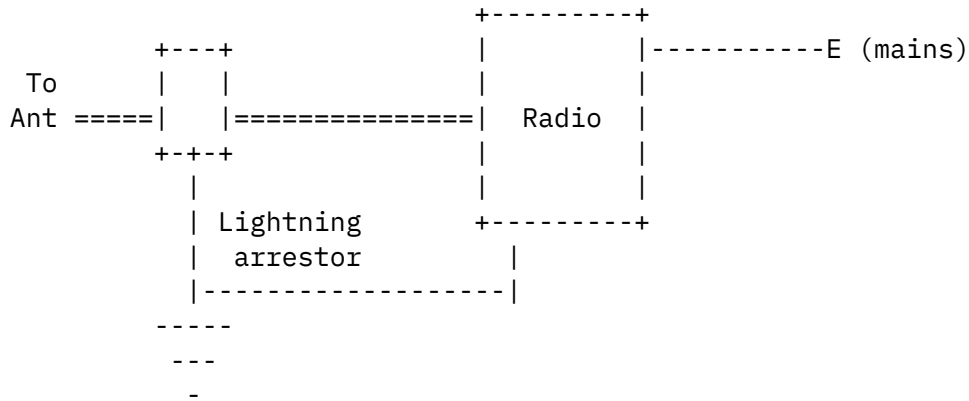
> To outlet
> | +-----+
> | +----+ 3 wire | |
> To +---| |-----| | |
>Ant =====| |=====| | Radio |
> +--+ | |
> | | |
> | Lightning +-----+

```

>      |  arrestor
>      |
>      -----
>      ---
>      -

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Yuch...Don't butcher the cable. How about a real common ground



End of Info-Hams Digest V93 #274
